

**Most Frequently Occurring Classifications of Patents Returned
From A PLUS Search of 09/816,447 on May 29, 2002**

Original Classifications

5 136/244
3 324/558
2 136/246

Cross-Reference Classifications

5 136/291
4 136/292
3 126/585
3 126/704
3 136/244
3 136/245
3 136/251
3 136/290
3 136/293
3 244/173
3 323/906
2 126/609
2 126/629
2 126/638
2 126/651
2 126/663
2 126/674
2 126/684
2 136/259
2 137/533.11
2 236/93R
2 324/544

Combined Classifications

8 136/244
5 136/291
4 136/245
4 136/292
4 244/173
3 126/585
3 126/651
3 126/704
3 136/246
3 136/251
3 136/290
3 136/293
3 323/906
3 324/558
2 49/63
2 126/584
2 126/609
2 126/629
2 126/638
2 126/663
2 126/674
2 126/684
2 126/700
2 136/259
2 137/533.11
2 236/93R
2 320/101
2 324/501
2 324/544
2 324/752
2 324/765
2 438/67

**Titles of Most Frequently Occurring Classifications of Patents Returned
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- 8 136/244 (5 OR, 3 XR)
Class 136: BATTERIES: THERMOELECTRIC AND PHOTOELECTRIC
136/243 PHOTOELECTRIC
136/244 .Panel or array
- 5 136/291 (0 OR, 5 XR)
Class 136: BATTERIES: THERMOELECTRIC AND PHOTOELECTRIC
136/291 APPLICATIONS
- 4 136/245 (1 OR, 3 XR)
Class 136: BATTERIES: THERMOELECTRIC AND PHOTOELECTRIC
136/243 PHOTOELECTRIC
136/244 .Panel or array
136/245 ..Lightweight and collapsible or foldable
- 4 136/292 (0 OR, 4 XR)
Class 136: BATTERIES: THERMOELECTRIC AND PHOTOELECTRIC
136/291 APPLICATIONS
136/292 .Space - satellite
- 4 244/173 (1 OR, 3 XR)
Class 244: AERONAUTICS
244/158R SPACECRAFT
244/173 .With solar panel
- 3 126/585 (0 OR, 3 XR)
Class 126: STOVES AND FURNACES
126/569 SOLAR HEAT COLLECTOR
126/572 .With control means energized in response to actuator stimulated by condition sensor
126/583 ..Of fluent medium
126/585 ...Temperature responsive
- 3 126/651 (1 OR, 2 XR)
Class 126: STOVES AND FURNACES
126/569 SOLAR HEAT COLLECTOR
126/634 .With means to convey fluent medium through collector
126/651 ..Conduit absorber structure
- 3 126/704 (0 OR, 3 XR)
Class 126: STOVES AND FURNACES
126/569 SOLAR HEAT COLLECTOR
126/704 .Collector housing
- 3 136/246 (2 OR, 1 XR)
Class 136: BATTERIES: THERMOELECTRIC AND PHOTOELECTRIC
136/243 PHOTOELECTRIC
136/244 .Panel or array
136/246 ..With concentrator, orientator, reflector, or cooling means

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- 3 136/251 (0 OR, 3 XR)
 - Class 136: BATTERIES: THERMOELECTRIC AND PHOTOELECTRIC
 - 136/243 PHOTOELECTRIC
 - 136/244 .Panel or array
 - 136/251 ..Encapsulated or with housing
- 3 136/290 (0 OR, 3 XR)
 - Class 136: BATTERIES: THERMOELECTRIC AND PHOTOELECTRIC
 - 136/290 TESTING, CALIBRATING, TREATING (E.G., AGING, ETC.)
- 3 136/293 (0 OR, 3 XR)
 - Class 136: BATTERIES: THERMOELECTRIC AND PHOTOELECTRIC
 - 136/291 APPLICATIONS
 - 136/293 .Circuits
- 3 323/906 (0 OR, 3 XR)
 - Class 323 : ELECTRICITY: POWER SUPPLY OR REGULATION SYSTEMS
 - 323/906 SOLAR CELL SYSTEMS
- 3 324/558 (3 OR, 0 XR)
 - Class 324: ELECTRICITY: MEASURING AND TESTING
 - 324/557 FOR INSULATION FAULT OF NONCIRCUIT ELEMENTS
 - 324/558 .Where element moves while under test
- 2 49/63 (1 OR, 1 XR)
 - Class 049: MOVABLE OR REMOVABLE CLOSURES
 - 49/61 FACIALLY OPPOSED PRIMARY AND AUXILIARY CLOSURE FOR COMMON OPENING
 - 49/63 .Auxiliary mounted for movement
- 2 126/584 (1 OR, 1 XR)
 - Class 126: STOVES AND FURNACES
 - 126/569 SOLAR HEAT COLLECTOR
 - 126/572 .With control means energized in response to actuator stimulated by condition sensor
 - 126/583 ..Of fluent medium
 - 126/584 ...Pressure responsive
- 2 126/609 (0 OR, 2 XR)
 - Class 126: STOVES AND FURNACES
 - 126/569 SOLAR HEAT COLLECTOR
 - 126/609 .With auxiliary heat source for fluent medium
- 2 126/629 (0 OR, 2 XR)
 - Class 126: STOVES AND FURNACES
 - 126/569 SOLAR HEAT COLLECTOR
 - 126/628 .Including means to utilize fluent medium from collector to heat interior of building
 - 126/629 ..With device to circulate air from room of building through collector

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- 2 126/638 (0 OR, 2 XR)
Class 126: STOVES AND FURNACES
126/569 SOLAR HEAT COLLECTOR
126/634 .With means to convey fluent medium through collector
126/638 ..Thermosyphonic fluid circulation
- 2 126/663 (0 OR, 2 XR)
Class 126: STOVES AND FURNACES
126/569 SOLAR HEAT COLLECTOR
126/634 .With means to convey fluent medium through collector
126/651 ..Conduit absorber structure
126/663 ...Plural conduits
- 2 126/674 (0 OR, 2 XR)
Class 126: STOVES AND FURNACES
126/569 SOLAR HEAT COLLECTOR
126/634 .With means to convey fluent medium through collector
126/651 ..Conduit absorber structure
126/674 ...Absorber having extended surface
- 2 126/684 (0 OR, 2 XR)
Class 126: STOVES AND FURNACES
126/569 SOLAR HEAT COLLECTOR
126/684 .With concentrating reflector
- 2 126/700 (1 OR, 1 XR)
Class 126: STOVES AND FURNACES
126/569 SOLAR HEAT COLLECTOR
126/698 .With concentrating lens
126/700 ..Lens support
- 2 136/259 (0 OR, 2 XR)
Class 136: BATTERIES: THERMOELECTRIC AND PHOTOELECTRIC
136/243 PHOTOELECTRIC
136/252 .Cells
136/259 ..With concentrator, housing, cooling means, or encapsulated
- 2 137/533.11 (0 OR, 2 XR)
Class 137: FLUID HANDLING
137/455 LINE CONDITION CHANGE RESPONSIVE VALVES
137/511 .Direct response valves (i.e., check valve type)
137/528 ..Reciprocating valves
137/532 ...Weight biased
137/533Valve body is the weight
137/533.11Ball valves

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- 2 236/93R (0 OR, 2 XR)
 Class 236: AUTOMATIC TEMPERATURE AND HUMIDITY REGULATION
 236/67 MOTORS
 236/93R .In fluid controlled

- 2 320/101 (1 OR, 1 XR)
 Class 320: ELECTRICITY: BATTERY OR CAPACITOR CHARGING OR DISCHARGING
 320/101 WIND, SOLAR, THERMAL, OR FUEL-CELL SOURCE

- 2 324/501 (1 OR, 1 XR)
 Class 324: ELECTRICITY: MEASURING AND TESTING
 324/500 FAULT DETECTING IN ELECTRIC CIRCUITS AND OF ELECTRIC
 COMPONENTS
 324/501 ..Using radiant energy

- 2 324/544 (0 OR, 2 XR)
 Class 324: ELECTRICITY: MEASURING AND TESTING
 324/500 FAULT DETECTING IN ELECTRIC CIRCUITS AND OF ELECTRIC
 COMPONENTS
 324/537 ..Of individual circuit component or element
 324/543 ..Single conductor cable
 324/544 ...For insulation fault

- 2 324/752 (1 OR, 1 XR)
 Class 324: ELECTRICITY: MEASURING AND TESTING
 324/500 FAULT DETECTING IN ELECTRIC CIRCUITS AND OF ELECTRIC
 COMPONENTS
 324/537 ..Of individual circuit component or element
 324/750 ..System sensing fields adjacent device under test (DUT)
 324/752 ...Using light probe

- 2 324/765 (1 OR, 1 XR)
 Class 324: ELECTRICITY: MEASURING AND TESTING
 324/500 FAULT DETECTING IN ELECTRIC CIRCUITS AND OF ELECTRIC
 COMPONENTS
 324/537 ..Of individual circuit component or element
 324/765 ..Test of semiconductor device

- 2 438/67 (1 OR, 1 XR)
 Class 438: SEMICONDUCTOR DEVICE MANUFACTURING: PROCESS
 438/51 ..Packaging (e.g., with mounting, encapsulating, etc.) or treatment of packaged
 semiconductor
 438/57 ..Responsive to electromagnetic radiation
 438/64 ..Packaging (e.g., with mounting, encapsulating, etc.) or treatment of packaged
 semiconductor
 438/66 ...Plural responsive devices (e.g., array, etc.)
 438/67 Assembly of plural semiconductor substrates

**List of Patents R turned in Closeness Factor Order
from a PLUS Search of 09/816,447 on May 29, 2002**

<u>Patent No.</u>	<u>Closeness Factor</u>	<u>Patent No.</u>	<u>Closeness Factor</u>
6,304,243	67	5,520,747	57
4,431,152	61	5,969,501	57
4,528,503	60	4,346,696	56
4,353,161	60	5,501,046	56
5,945,839	60	4,244,354	56
4,786,864	59	4,292,956	56
6,331,670	58	4,292,955	56
5,026,468	58	4,327,707	56
4,430,519	58	4,381,276	56
5,214,595	58	4,420,922	56
4,384,259	58	4,435,919	56
4,478,210	58	5,408,990	56
4,397,305	58	5,513,075	56
4,409,959	58	4,491,681	55
4,413,615	58	5,433,570	55
4,604,494	58	5,519,324	54
4,106,482	57	5,437,129	53
5,015,086	57	5,226,827	52
5,720,452	57	4,247,814	52
6,005,183	57	4,347,477	52
6,218,605	57	4,498,042	52
6,317,248	57	6,118,277	52
4,266,531	57	4,322,261	50
4,307,710	57	4,324,230	50
4,443,978	57		